

LOBACH, N.N.

Fifty years in operation. Sakh.prom. 38 no.1:7-9 Ja '64.
(MIRA 17:2)

TERENT'YEVA, M.V. [TSiarents'eva, M.V.]; LOBACH, T.Ya.

Iodine and cobalt assimilation by vegetables in foliar feeding
with salt solutions of various concentration. Vestsi AN BSSR,
Ser. biial. nav. no.3:59-63 '63 (MIRA 17:7)

TERENT'YEVA, M.V. [TSiarents'eva, M.V.]; LOBACH, T.Ya.; STEN'KO, I.Ya.
[Stsian'ko, L.IA.]

Content of basic microelements in some varieties of fruit and
berry crops of White Russia. Vestsi. AN BSSR. Ser. biial. nav.
no.4:46-51 '64. (MIRA 18:12)

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16.6500

S/208/62/002/003/011/011

1040/1219

AUTHOR Gurin, L. S. and Lobach, V. P.

TITLE A combination of the Monte-Carlo and steepest descent methods for solving some extremum problems

PERIODICAL Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 2, no. 3. 1962, 499-502

TEXT Given $n \geq 3$ points (x_i, y_i) in the plane and n positive weights K_i , the problem is to minimize the function

$$f(a_1, b_1, a_2, b_2, \dots, a_m, b_m) = \sum_{i=1}^n k_i \sqrt{(x_i - a_{j(i)})^2 + (y_i - b_{j(i)})^2}$$

$m < n$, where (x_i, y_i) is attached to the nearest point (a_j, b_j) denoted $(a_{j(i)}, b_{j(i)})$. For $m = 1$ (Steiner problem) the algorithm proposed is based on the method of steepest descent. From the center of gravity we move in the antigradient direction successively with the same quantity Δ_0 . If the new point is not the solution, we continue either in the same direction or in a new one with rotation angle greater than 45° . For $m > 1$, the Monte-Carlo method is combined with the above method by choosing an initial point in a random method and proceeding from this point by the method of steepest descent until a local minimum is reached. Since this minimum depends upon the initial point, many trials are made with various initial points chosen at random and the minimum is chosen to be the smallest of the local minima.

SUBMITTED: February 2, 1961

Card 1/1

GURIN, L.S. (Moskva); LOBACH, V.P. (Moskva)

Combination of the Monte Carlo method with the method of steepest descent for solving some extremal problems. Zhur.vych.mat.1
mat.fiz. 2 no.3:499-502 My-Je '62. (MIRA 15:7)
(Probabilities) (Programming (Electronic computers))

LOBACH-ZHUCHENKO, B. B.

Naval air bases. Moskva, Avioisdatel'stovo, 1925. 106 p.

CSt-H

Л. Б. ЛОБАЧ - З. П. ЛОБАЧЕВ, Л. Б.

LOBACH-ZHUCHENKO, B. B.

Aeronavigatsionnaia tablitsa pilota. (Grazhdanskaia aviatsiia, 1938,
v.8, no.8, p.42-45, tables, diagrs.)
Title tr.: The pilots navigation table.

TL50h.G7 1938

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

LOBACH-ZHUCHENKO, B.B.

LOBACH-ZHUCHENKO, B., sud'ya vsesoyuznoy kategorii.

New success of Soviet model ship builders. Voen.znan.33
no.11:30-31 N '57. (MIRA 10:12)

1. Glavnyy sud'ya Vtorykh mezhdunarodnykh tovarishcheskikh
sorevnovaniy morskikh modelistov, Moskva.
(Ship models)

LOBACH-ZHUCHENKO, M. B.

"Self-propelled ship models." Voen.znan. 31 no.2:24 F '55.
(Mikhailov, P.) (Ship models) (MIRA 8:8)

KUPIYANOV, Dmitriy Fedorovich; LOBACH-ZHUCHENKO, M.B., red.; VOLCHOK,
K.M., tekhn.red.

[Theory of internal combustion marine engines] Teoriia sudovykh
dvigatelei vnutrennego sgoraniia. Leningrad, Izd-vo "Rechnoi
transport," Leningr.otd-nie, 1959. 328 p. (MIRA 13:2)
(Marine diesel engines)

LOBACH-ZHUCHENKO, M.B.

Training of teaching personnel in engineering. Politekh.
obuch. no.6:75-77 Je '59. (MIRA 12:12)

1. Moskovskiy oblastnoy pedagogicheskiy institut im. N.K.
Krupskoy.
(Technical education) (Teachers, Training of)

LOBACH-ZHUCHENKO, S. B.

PA 243T74

USSR/Geophysics - Quartzites, Secondary Jul 52

"Secondary Quartzites of One of the Rayons of South-western Altay," S. B. Lobach-Zhuchenko

"Vest Leningrad U, Ser Biol, Geog, Geol" No 7,
pp 119-122

Describes secondary quartzites of Altay, first studied by N. N. Kurek (1948), who investigated the secondary quartzites and sericites of the Ridder deposits. States that subject rocks represent effusives of mixed ore bodies hydrothermally substituted. They are not widely distributed.

243T74

LOBACH-ZHUCHENKO, S. B.

LOBACH-ZHUCHENKO, S. B.: "The geology of the northeastern portion of the Chuya granite field (North-Baykal highlands)." Lenin-grad Order of Lenin State U imeni A. A. Zhdanov. Leningra, 1956. (Dissertation for the Degree of Candidate in Geologi-comineralogical Sciences).

SO: Knizhaya Ietopis', No 23, 1956.

LOBACH-ZHUCHENKO, S.B.

VELIKOSLAVINSKIY, D.A.; KAZAKOV, A.N.; LOBACH-ZHUCHENKO, S.B.; MANUYLOVA, M.M.

Geology of the northeastern part of the Northern Baikal Highland.
Trudy Lab. geol. dokum. no.7:120-230 '57. (MIRA 11:3)
(Northern Baikal Highland--Geology)

ICBACH-ZHUCHENKO, S.B.

Metamorphism in the Mama quartzite-gneiss series. Trudy
(MIRA 1:3)
Izv. geol. dokum. no.7:246-267 '57.
(Northern Baikal Highland--Rocks, Crystalline and metamorphic)

GLEBOVA-KUL'BAKH, G.O.; LOBACH-ZHUCHENKO, S.B.

Intrusions of average and acid rocks in the Yalonvara Mountain
region of southwestern Karelia. Trudy Lab.geol dokem. no.9:
204-227 '59. (MIRA 13:11)

(Yalonvara region--Rocks, Igneous)

LOBACH-ZHUCHENKO, S.B.

Metasomatic amphibole rocks of the quartzite-gneiss formation of the
Mama series. Trudy Lab.geol dokem. no.9:276-286 '59. (MIRA 13:11)
(Chukcha Valley--Amphibole)

LOBACH-ZHUCHENKO, S.B.; PINAYEVA, N.I.

Absolute age and contact of Archean and ~~late~~ Proterozoic rocks
(southern Karelia). Trudy Lab.geol.dokem. no.12:187-211 '61.
(MIRA 14:11)

(Karelia--Metamorphism (Geology))
(Karelia--Geological time)

BORISCH, K.D.; GORODON, I.M.; LOBACH-ZHUCHENKO, S.B.

Accessory minerals of metasomatic Archean gneissose granites as
revealed by the one of central Karelia regions. Trudy Lab.geol.
dokem. no.12:238-256 '61. (MIN 14:11)
(Karelia—Minerals)

LOBACH-ZHUCHENKO, S.B.

Find of lazulite in the Baikal Highland. Zap. Vses. min.
ob-va 92 no.6:714-716 '63. (MIRA 18:3)

1. Laboratoriya geologii dokembriya AN SSSR, Leningrad.

YASHCHENKO, M.L.; GOROKHOV, I.M.; LOBACH-ZHUCHENKO, S.D.

Investigation of the processes of "rejuvenation" in the basement rocks of Karelian folds in Karelia using Sb-Sr and K-Ar methods. Izv. AN SSSR. Ser. geol. 29 no.12:18-32 D '64. (MIRA 18:1)

1. Laboratoriya geologii dokembriya AN SSSR, Leningrad.

LOBACHEV, kand.tekhn.nauk; MIKHEYEV, O.P., inzh.; GUMENSHCHIKOV, L.N.,
inzh.; DUBROVSKIY, V.A., nauchnyy red.; PORTNOVA, Z.S., red.izd-va;
TEMKINA, Ye.L., tekhn.red.

[Water-raising units for the local water supply; a reference book]
Vodopod'emnye ustanovki dlia mestnogo vodosnabzheniia; spravochnoe
posobie. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.
materialam, 1961. 138 p. (MIRA 14:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut sanitarnoy
tekhniki. 2. Laboratoriya vmutrennego vodoprovoda i kanalizatsii
Nauchno-issledovatel'skogo instituta sanitarnoy tekhniki (for
Mikheyev, Gumenshchikov).
(Water supply, Rural) (Pumping machinery)

LOBACHEV, A., general-mayor v otstake

~~XXXXXXXXXX~~
Honorary commander. Voen. znan. 39 no.4:6 Ap '63. (MIRA 16:6)

(Lenin, Vladimir Il'ich, 1870-1924)

GASAN-DEHALAIOV, A.B.; KARPENKO, M.M.; PROTASOV, G.N.; LOBACHEV, A.A.

[Multiple oil well drilling and operation; from experience of the State
All-Union Trust of the Azerbaidzhan Oil and Gas Industry] Burenie i eksplua-
tatsiia mnogoriadnykh skvazhin; iz opyta ob"edineniia azneft'. Moskva, Gos.
nauchno-tekhn.izd-vo nef'tianoi i gorno-toplivnoi lit-ry, 1953. 71 p.
(MLBA 6:8)
(Petroleum)

LOBACHEV, A.

New work organization in the underground repair of oil wells. Sots.
trud 4 no.6:119-121 Je '59. (MIRA 12:8)

1. Glavnyy inzhener neftepromyslovogo upravleniya "Kirovneft"
Azerbaydzhanskoy SSR.
(Azerbaijan--Oil wells--Equipment and supplies)

LOBACHEV, A. D.

PA 28/10755

USSR/Engineering
Locomotive
Sparks - Suppression

Oct 46

"Turbine Spark Catcher," A. D. Lobachev, S. M.
Kochuzin, 1 p

"Torf Prom" No 10

The Novikov-designed spark arrestor installed on type 159 locomotives operating at peat enterprises fulfills its requirements, but lowers efficiency of steam generation. Briefly describes so-called turbine-type spark arrestor, proved in practical application, which does not hamper the draft of the locomotive's furnace.

28/49155

LOBACHEV, A G

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454-1

production

AGARKOV, G.M.; LOBACHEV, A.G.; PROKHOROV, V.N.

Single-nozzle pouring of slag. Stal' 22 no.1:17-18 Ja '62.
(MIRA 14:12)

1. Chelyabinskiy metallurgicheskiy zavod.
(Blast furnaces--Equipment and supplies)
(Slag)

LOBACHEV, A.G.; PRIVALOV, V.S.

Introducing devices for moistening and removing dust from dust
collectors of blast furnaces. Biul. tekhn.-ekon. inform. Gos.
nauch.-issl. inst. nauch. i tekhn. inform. 18 no. 12:62-63
D '65. (MIRA 19:1)

IGOROV, A. K.
Solid State Physics

Dissertation: "An Electronographic Determination of the State of Hydrogen
in Urea and Urotropine Crystals." Cand. Sci. S. I., Inst. of Crystallography,
Acad. Sci. USSR, Moscow, 1953. (Referativnyi Zhurnal - Fizika Moscow, Mar '54)

SO: SUF 213, 20 Sep 1954

LOBACHEV, A.N.

"Electronographic Determination of the Position of the Hydrogen Atom in Urotropine Crystals." by A.N. Lobachev. pp. 167-171.

SO: Work of the Inst of Crystallography, Issue #10, (Reports submitted at the 3rd International Congress of Crystallography; published by the Acad Sci USSR, 1954)

"APPROVED FOR RELEASE: 06/20/2000

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TO: A.M.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930320002-2"

70-3-3-27/36

AUTHOR: Lobachev, A.N.

TITLE: The Elementary Cells of Certain Paraffins (Elementarnyye yacheyki nekotorykh parafinov)

PERIODICAL: Kristallografiya, 1958, Vol 3, Nr 3, pp 374 - 375 (USSR).

ABSTRACT: The unit cells of certain paraffins were found to be:

$C_{18}H_{38}$	m.p. = 28 °C	a=7.458 KX,	b=4.977,	c'=2.53
$C_{19}H_{40}$	(not det.)	a=7.450	4.964	2.53
$C_{20}H_{42}$	37.5°	7.454	4.969	2.53
$C_{30}H_{62}$	66.2	7.445	4.968	2.54

These dimensions were determined from electronograms, using MgO, NH_4Cl and $TlCl$ as internal standards, to 0.1%. c' was determined only to 0.015 KX. All appeared to have the orthorhombic pseudo cell normally characterising only odd paraffins and even paraffins above $C_{28}H_{58}$.

There are 8 references, 3 of which are Soviet, 4 English and 1 German.

Card 1/2

The Elementary Cells of Certain Paraffins

70-3-3-27/36

ASSOCIATION: Institut kristallografii AN SSSR
(Institute of Crystallography, Ac.Sc. USSR)

SUBMITTED: March 1, 1958

Card 2/2

SOV/70-3-4-8/26

AUTHORS: Vaynshteyn, B.K., Lobachev, A.N. and Stasova, M.M.

TITLE: Electronographic Determination of the C-H Distance in Certain Paraffins (Elektronograficheskoye opredeleniye rasstoyaniya C-H v nekotorykh parafinakh)

PERIODICAL: Kristallografiya, 1958, Vol 3, Nr 4, pp 452-460 (USSR)

ABSTRACT: The distance C-H in paraffins was found to be 1.123 ± 0.015 KX which greatly exceeds the usually assumed value of 1.09 KX. The paraffins $C_{18}H_{38}$ (I), $C_{30}H_{62}$ (II) and a mixture (III) of composition about $C_{28}H_{58}$ with melting points 28° , 66.2° and 53.5° , respectively, were re-examined by electron diffraction. Their orthorhombic pseudocells were almost the same ($a = 7.458$, $b = 4.977$, $c = 2.534$ (I) KX). The $hk0$ zones of reflections were carefully recorded and photometered giving tables of ϕ_{hko} obs. up to 260. As the structure, except for the exact position of the hydrogen atoms, was known the scattering curve for carbon could be recalculated. The appropriate temperature factor was $B = 4$. Difference syntheses for the H positions were finally calculated

Cad 1/2

SOV/70-3-4-8/26

Electronographic Determination of the C-H Distance in Certain Paraffins

giving distances in $\text{\AA}$ of:

C-C (I) 1.538, (II) 1.527, (III) 1.510

C-H_I (I) 1.140, (II) 1.121, (III) 1.102

C-H_{II} (I) 1.127 (II) 1.140, (III) 1.112

and angles H_I-C-H_{II} of (I) 114°, (II) 107.5°, (III) 102°.

There are 5 figures, 3 tables and 23 references, 14 of which are Soviet, 1 Italian, 5 English and 3 Swedish.

ASSOCIATION: Institut kristallografii AN SSSR
(Institute of Crystallography, Ac.Sc.USSR)

SUBMITTED: March 11, 1958

Card 2/2

AUTHORS: Vaynshteyn, B. K., Lobachev, A. N. SOV/20-120-3-24/67

TITLE: The C - H Distance in the Crystal Structure of Paraffins
(Izmereniye C - H v kristallicheskoy strukture parafinov)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol. 120, Nr 3, pp. 523-525
(USSR)

ABSTRACT: The paraffins C_nH_{2n+2} are a useful object in electric diffraction analysis. The present paper investigates the paraffins $C_{18}H_{38}$ (I), $C_{30}H_{62}$ (II) as well as a paraffin with the melting point 53,5° (III). The latter has already been investigated on an earlier occasion (Ref 3). The elementary cells of all these thin paraffins in thin layers are practically equal to one another. The authors here investigate only projections (with respect to the reflections $hk0$), because the C - H distance occurs in an undistorted form in this case. The following operations were carried out in the course of the investigation:
1) Taking of electron diffraction pictures obtained by electron transmission.
2) Determination of elementary cells, 3) Microphotometrization

Card 1/3

NOV/20-120-3-24/67

The C - H Distance in the Crystal Structure of Paraffins

of the rings $hk0$ of the electronographs taken vertically to the beam. 4) transition from intensities to amplitudes. 5) Construction of Fourier (Fur'ye) syntheses of a certain potential $\varphi(x,y)$ on a certain plane. 6) Determination of an experimental curve of the elementary scattering of carbon. - further number of operations is then enumerated. Also the estimation of accuracy is discussed in short. A diagram illustrates by way of an example the total synthesis and the difference-n-synthesis for $C_{30}H_{62}$. The values obtained for the C - H distances are shown in form of a table. There is no reason to believe in the existence of any real difference between $C - H_1$ and $C - H_2$, nor of the existence of any such difference in the paraffins under investigation. Other bonds may influence the C - H distance considerably. There are 1 figure, 1 table, and 9 references, 6 of which are Soviet.

ASSOCIATION: Institut kristallografii Akademii nauk SSSR (Institute of Crystallography, AS USSR)

Card 2/3

SOV/20-120-3-24/67

The C - H Distance in the Crystal Structure of Paraffins

PRESENTED: February 5, 1958, by N. V. Belov, Member, Academy of Sciences,
USSR

SUBMITTED: January 31, 1958

1. Methanes--Crystal structure
2. Methanes--Synthesis
3. Methanes--Electron diffraction analysis

Card 3/3

LOBACHEV, A.N.; VAYNSHTEYN, B.K.

Electron diffraction study of urea. Kristallografiia 6 no.3:
395-401 My-Je '61. (MIRA 14:8)

1. Institut kristallografii AN SSSR.
(Electron diffraction examination) (Urea)

VAYNSHTEYN, B.K.; PINSKER, Z.G.; LOBACHEV, A.N.; ZVYAGIN, B.B.

Important problems in the theory of modern electron-
diffraction structure study; survey. Zav.lab. 27 no.6:673-682
'61. (MIRA 14:6)

(Electron diffraction examination)

VAYNSHTEYN, B.K.; LOBACHEV, A.N.

Dynamic scattering and its application in electron diffraction
structure studies. Kristallografiia 6 no.5:763-766 S-0 '61.
(MIRA 14:10)

1. Institut kristallografi AN SSSR.
(Electrons--Scattering) (Electron diffraction examination)

ACC NR: AP6035871

(A)

SOURCE CODE: UR/0413/66/000/020/0089/0089

INVENTOR: Lobachev, A. T.; Dorogutin, Yu. P.

ORG: None

TITLE: A device for argon-arc welding. Class 21, No. 187188 [announced by the Design and Planning Office of the "Tsentroenergomontazh" Trust (Proyektno-konstruk-torskaya kontora tresta "Tsentroenergomontazh")]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 89

TOPIC TAGS: arc welding, inert gas welding, pipe, argon

ABSTRACT: This Author's Certificate introduces: 1. A device for argon-arc welding of root seams in nonrotating pipe joints. The unit contains a welding head with nonconsumable electrode fastened to a carriage equipped with a drive, a sprocket chain with a lock and tension mechanism for holding the carriage against the pipe, and also back-up runners and holding rollers. The runners move along the outside surface of the pipe, while the holding rollers move on the surface prepared for the seam. The installation is designed for holding the carriage at a given position on a vertical or sloping pipe and for eliminating binding of the holding rollers by setting the runners at an angle to the direction in which the carriage moves, while the holding rollers rest on only one side of the surface prepared for the seam. 2. A

UDC: 621.791.754.03-462

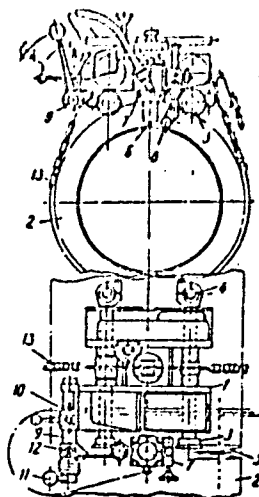
Card 1/3

ACC NR: AP6035871

modification of this device designed for holding the electrode rigidly in the plane of the joint and at a definite height above the work throughout the entire welding process, as well as for removing the welding head from the surface prepared for the seam after the root seam has been welded. The welding head is equipped with a copy roller with a working surface equal in width to that of the cylindrical section of the trapeziform surface of the pipe joint prepared for the seam. The head is also fitted with a suspension system made in the form of a movable rotating bar fixed at the required position in a bracket on the carriage combined with a spring-loaded guide which is fastened to the bar by a lifter holding the welding head. 3. A modification of this device in which chain tension is kept constant by spring coupling between the sprocket and the tension mechanism. 4. A modification of this device designed for rapid mounting on the pipe and rapid removal. The chain lock is made in the form of a clamp with a screw combined with a block hinged to the final link of the chain and connected to the clamp through the pin which serves as the axis for the next link.

Card 2/3

ACC NR: AP6035871



1--carriage; 2--pipe; 3--holding rollers; 4--runner frames; 5--surface prepared for the seam; 6--electrode; 7--welding head; 8--copy roller; 9--bar; 10--bracket; 11--guide; 12--lifter; 13--chain

SUB CODE: 13/ SUBM DATE: 20Jun64

Card 3/3

KUTEYNIKOV, S.Ye.; BRODOVA, N.S.; LOBACHEV, A.V.

Boundary between the Middle and Upper Cambrian in the lower
wing of the Anasar anteklise. Uch. zap. NIIGA. Reg. geol.
no.4:123-136 '64. (MIRA 18:12)

~~LOBACHEV, Aleksay Yakovlevich:~~ FEDOROV, N.A., red.; IZHBOLDINA, S.I.,
tekh.n.red.

[Raspberry] Malina. Izd.2. Stalingrad, Stalingradskoe knizhnoe
izd-vo, 1960. 27 p. (MIRA 14:3)
(Raspberries)

VAKULIN, A.A.; V'YUNOV, S.F.; GORIN, T.I.; IVASHCHENKO, P.S.; KOMOVA, A.G.; KORNEYEV, V.A.; KOROSTELEVA, M.Ya.; LOBACHEV, A.Ya.; LASHMANOV, I.Ya.; MALYCHENKO, V.V.; MOROZOVA, A.M.; PANSIN, I.A.; PROSVIROV, A.S.; ROZHKOVA, M.V.; YUROVA, N.F.; FEDORENKO, V.P.; TSEKHMISTRENKO, P.Ye.; SHEVCHENKO, I.S.; FEDOROV, N.A.. red.; IZHBOLDINA, S.I., tekhn.red.

[Brief manual on the cultivation of fruits, berries, and grapes and the management of nurseries in Stalingrad Province] Kratkii spravochnik po plodovo-iagodnym kul'turam, vinogradu i pitomnikam dlia Stalingradskoi oblasti. Stalingrad, Stalingradskoe knizhnoe izd-vo, 1960. 215 p. (MIRA 14:3)

1. Stalingrad (Province) Upravleniye sel'skogo khozyaystva. (Stalingrad Province--Fruit culture)

ALEXANDER, B. A., Institute for Physical Problems,
Leningrad S. I. Vavilov, Academy of Sciences USSR,
Moscow - "Neutronographic study of NiO₂"
(Section J-2)
MEL'NIK, M. V., Associate Director, Institute of
Crystallography, Academy of Sciences USSR, Moscow
- "Magnetic (ferromagnetic) space group symmetry"
(C-6)
MEL'NIK, M. V., KROKOTVA, E. N., Both Institute of
Crystallography, Academy of Sciences USSR, Moscow,
DOKUDAKOVA, L. S., Zhukova Polytechnic University,
Baltimore, Md. and POZNYAK, G. R., Geophysical
Laboratory, Magnetic Institutions, Washington, D. C.
- "On the magnetic properties of various groups, II. Special
positions" (C-6)
PASTUKHOV, A. S., Institute for Physical
Problems, Leningrad S. I. Vavilov, Academy of Sciences
USSR - "Antiferromagnetic resonance in carbonated
or transition elements" [sic] (H-16)
KOROVIN-KOROVIN, A. S., ALIKHANOV, G. G.,
KHADZHANOV, G. Ye. - "Piezomagnetic effect in
antiferromagnets" (H-18)
KURDYUMOV, Ye. I., Head, Magnetism Laboratory,
Moscow State University - (1) "The electrical and
galvanomagnetic properties of thin films at very
low temperatures" (H-5); (2) "On the spin current
between the spontaneous magnetization and ferromagnetic
center" (H-5). The subject of investigation has been
discussed in the report (H-5)
LIVINSKY, B. G. and VAVILOV, S. I., Institute of
Crystallography, Moscow - "Electron diffraction
study of thioarsenite Co (NO₂)₂"
LIVINSKY, B. G., Central Scientific Research
Institute of Metallurgy, Moscow - "The problem
of the influence of spontaneous magnetization on
crystal structure and phase state of alloys" (H-8)
LIVINSKY, B. G., LIVINSKY, D. P., NEMENKO, Ye. O., Yu. O.
Central Scientific Research Institute of
Metallurgy, Moscow - "Neutron diffraction
investigation of order-disorder in the alloy
"Ferrum-nickel and ferrum-cobalt" (J-1)
OZOLSKY, R. P., KIDAY, V. S., ZIMULOV, G. S.,
Scientific Research Physico-Chemical Institute
Leningrad S. I. Vavilov, Moscow - "Neutron diffraction
study of the structure of solid hydrogen and
deuterium" (C-8)
FRIEDMAN, E. G., Institute of Crystallography, Academy
of Sciences USSR, Moscow - "Results and progress
of electron diffraction analysis" (C-11)
RUBIN, I. M., Scientific Research Institute of
Metallurgy, Moscow - "Magnetic anisotropy in
monocrystals of Fe-Fe-C alloys" (H-9)
SILVER, YALOW S., Scientific Research Institute of
Metallurgy, Moscow - "Some problems of the
physics of high coercive force of semi-conductors."
SOLOVIEV, G. A., Institute of High Pressure Physics,
Leningrad - "Some investigations of non-metallic
ferro and antiferromagnetism" (H-13)
VAVILOV, S. I., Institute of Crystallography,
Academy of Sciences USSR - "Development of electron
diffraction method" (C-11)
YAGGIN, I. I., MEL'NIK, M. V., KROKOTVA, E. N., Institute
of Crystallography, Moscow - "Atomic and magnetic
structures of manganese ferrite" (J-2)
VOSENECHNAYA, S. V., Institute of the Physics of Metals,
of the Ural Commission on Magnetism. See
paragraph 1 of Comment for some investigations
of Soviet physicists on the theory of ferro-magnetism
for the last years" (Invited paper. Section H-11)

paper to be submitted for the IUPAP Intl. Conference on Vegetation and Crystallography, Kyoto, Japan, 23-30 Sep 1961

LOBACHEV, B.P.

Hydrostatic extrusion; survey of literature. Sbor. trud.
TSNIIICHM no.43:21-31 '65. (MIRA 18:10)

LOBACHEV, G.F., inzh.

Universal trailer-spreader 1-PTU-3PP. Trakt. i sel'khozmasht.
33 no.5:37-38 My '63. (MIRA 16:10)

LOBACHEV, I.

"An antenna filter in the receiver 'Moskvich.'"

So Radio, Vol. 4, p. 57, 1952

L 44192-66 EWT(d)/EWT(m)/EWP(h)

ACC NR: AP6010047

SOURCE CODE: UR/0209/66/000/003/0063/0066

AUTHOR: Lobachev, I. (Colonel; First class pilot); Pestrov, B. (Colonel; Hero of the Soviet Union) 32
B

ORG: none

TITLE: Heavy aircraft at low altitude

SOURCE: Aviatsiya i kosmonavtika, no. 3, 1966, 63-66

TOPIC TAGS: turboprop aircraft, flying training

ABSTRACT: Flight on multiengine turboprop aircraft at low altitude, using radar sight, radio altimeter, and an altitude warning device which can be adjusted for the minimum permissible altitude is described. It is also stated that on multiengine turboprop aircraft the engines must be maintained at such an operating level that automatic feathering of the propeller is assured in case one of the engines should fail. [WS]

SUB CODE: 01, 15/ SUBM DATE: none/

summ
Card 1/1

LOBACHEV, I. F.

33112

Zamena Chugunnykh Gazokhodnykh Peregorodok V Kotlakh Peregoradkami Iz Torkretnoy Massy.
Sakhar. Prom-st', 1949, No 10, c. 42-43.

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

LOBACHEV, I. F.

Insulation (Heat)

Using protective plastering instead of gluing fabric on a surface insulated against heat. Sakh. prom. 27, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

LOBACHEV, I.F.

Effective arrangement of separate economizers. Sakh.prom. 30
no.2:51-52 F '56. (MLRA 9:7)

1.Volochisskiy sakharnyy zavod.
(Boilers)

LOBACHEV, I.F.

Conversion of lime kilns from solid fuel to natural gas. Sakh.prom.
30 no.5:53-54 My '56. (MIRA 9:9)

1.Volechisskiy sakharany zavod.
(Lime kilns)

LOBACHEV, I.N. (Moskva)

"The search for the Tassili frescoes" by Henry Ihote. Priroda
51-124-125.0 '62 (MIRA 15:10)
(Petroglyphs) (Tassili-N-Ajjer--Antiquities)
(Ihote, Henry)

KRIVOSHEY, D.; DRAGUNOV, V.; TYSHKO, V.; KORENYAK, A., starishiy inzh. po tekhnike bezopasnosti; MOLCHANOV, A., rabochiy syr'yevogo tsekha; POVOLOTSKIY, B.; LOBACHEV, L.; SUKHANOV, A.; ZEMLYACHENKO, I.; KOZLOV, A.; POPENKO, F., inzh. (Moskva); SHAPIRO, A.

Editor's mail. Okhr.truda i sots.strakh. 5 no.8:32-33 Ag '62.
(MIRA 15:7)

1. Glavnyy inzh. shakhty "TSentral'naya", Krivoy Rog (for Krivoshey).
2. Pomoshchnik glavnogo inzh. po tekhnike bezopasnosti shakhty "TSentral'naya", Krivoy Rog (for Dragunov).
3. Nachal'nik ventilyatsii shakhty "TSentral'naya", Krivoy Rog (for Tyshko).
4. Tomskiy podshipnikovyy zavod 5-GPZ (for Korenyak).
5. Kabluchnaya fabrika, g. Nerekhta (for Molchanov).
6. Predsedatel' zavodskogo komiteta Moskovskogo zavoda zhelezobetonnykh izdeliy No.7 (for Lobachev).
7. Transportnaya kontora tresta "Sterlitamakstroy", g. Sterlitamak (for Sukhanov).
8. Predsedatel' mestnogo komiteta gorodskoy tipografii, g. Michurinsk (for Zemlyachenko).
9. Predsedatel' komissii okhrany truda gorodskogo komiteta professional'nogo soyuza meditsinskikh rabotnikov, g. Yevpatoriya (for Kozlov).
10. Vneshtatnyy tekhnicheskyy inspektor Voronezhskogo oblastnogo soveta professional'nykh soyuzov (for Shapiro).

(Industrial hygiene)

LOBACHEV, L.L.

~~Changes~~ in the original nutritive value of artificial feeds following
their introduction into the body of water. Biul.MOIP. Otd.biol.
63 no.2:174-175 Mr-Ap '58 (MIRA 11:7)
(FISHES---FOOD)

LEONOVA, N.; LOBACHEV, M., instruktor proizvodstvennogo obucheniya

Construction workers should master a second trade. Prof.-tekh.
obr. 18 no.7:29-30 J1 '61. (MIRA 14:7)

1. Zamestitel' direktora uchebnogo kombinata upravleniya
kapital'nogo remonta zhilykh domov Mosgorispolkoma (for Leonova).
(Building trades--Study and teaching)

LOBACHEV, M. E.

"On the Question of Modification of the Unconditioned Reflexes in Ontogenesis"

Izvest Akad Nauk, USSR Biological Series No 2, Mar-Apr 54 pp74-90

abs

B-80127, 2 Nov 54

SCV/51-6-6-28/34

24(7)
AUTHORS: Berkovich, S.L., Gefrez, M.V., Lobachev, M.V., Fal'k, T.K. and Sharonov, D.I.

TITLE: A High Intensity / Spectrometer DFS-12 with Diffraction Gratings (Svetosil'nyy spektrometr s difraktsionnymi reshetkami DFS-12)

PERIODICAL: Optika i spektroskopiya, 1987, Vol 6, Nr 5, pp 924-936 (USSR)

ABSTRACT: A new high Intensity / spectrometer DFS-12, using diffraction gratings and photoelectric recording, was developed in 1987. This spectrometer makes it possible to record Raman spectra of transparent liquids and diffusely scattering substances such as turbid solutions, powders and glasses. The spectrometer works in the region 3600-8400 Å. Optically the spectrometer (Fig 1) is a double mirror monochromator (entry slit 1, exit slit 3) with two diffraction gratings (6). To correct for aberrations non-symmetric incidence on gratings was employed and parabolic mirrors (5) were used; the focal length of these mirrors were 800 mm and their relative apertures 1:5.3. The gratings had 600 lines/mm, ruled area 140 x 150 mm and were used in the second order, concentrating ~60% light in the region from 4300 to 4700 Å. Dispersion of the instrument when used as a double monochromator was 5 Å/mm. Using another slit (2) and a rotating mirror (7) the instrument could be used as an ordinary monochromator (exit slit 4) with 10 Å/mm dispersion. A

Card 1/2

SOV/51-6-6-28/34

A High-Speed Spectrometer DFS-12 with Diffraction Gratings

photomultiplier FEU-17 (8 in Fig 1) was used as a receiver. The photomultiplier was connected to a d.c. amplifier and an electronic recording potentiometer PSI-02. The spectrometer could be used to record spectral lines of energy 10^{-13} W. Together with this spectrometer a light source was developed for Raman spectral studies. This source was a spiral low-pressure mercury lamp with water-cooled electrodes. Continuous background is practically absent in the spectrum of this lamp and the width of spectral lines emitted by it does not exceed several hundreds of an angstrom. The lamp was supplied with stabilized d.c. current of 6-12 A from a rectifier. Factory tests of the spectrometer DFS-12 showed that Raman spectra were reproducible to within $\pm 2\%$. The instrument resolves a weak line at a distance of 11 cm^{-1} from a strong line. Advantages of the double monochromator principle are seen in a record of Raman spectrum of a glass with a large number of bubbles (Fig 2). Because the source was a low-pressure lamp it was possible to record also low frequencies of powdered samples (Fig 3). There are 3 figures.

Card 2/2

28(5)
AUTHORS:

SOV/32-25-8-40/44
~~Lobachev, M. V.~~, Podmoshenskaya, S. V., Trilesnik, I. I.,
Shadrina, A. B.

TITLE:

Multi-channel Photoelectric Devices DFS-10 for Emission
Spectrum Analysis

PERIODICAL:

Zavodskaya laboratoriya, 1959, Vol 25, Nr 8, pp 1013-1014
(USSR)

ABSTRACT:

The instrument mentioned in the title has a photoelectric recorder of the individual spectrum lines (SL) and is intended to be used for rapid- and marking quantitative spectrum analyses of metals and alloys. The instrument has 36 outlet slits separating 36 (SL). A special programming device makes possible the simultaneous application of any desired combination of 12 (SL), using one (SL) as comparison line, thus 11 elements can be simultaneously determined in a sample. The instrument has a polychromator (vertical scheme), a recording receiver and a GEU-1 generator for electron regulation. The monochromatic radiation is focussed by special mirrors on 36 photoelements (with Sb/Cs-photo cathodes type STsV). The operation interval of the instrument with the photoelements STsV is 2200-5500 Å.

Card 1/2

SOV/32-25-8-40/44

Multi-channel Photoelectric Devices DFS-10 for Emission Spectrum Analysis

The operations of the instrument are described by a schematic diagram (Fig). The recorder is a potentiometer type EPP-09. The reproducibility of the photometric recording during 8 hours of continuous operation at a constant radiation is $\pm 0.6\%$. There is 1 figure.

Card 2/2

S/0286/64/000/010/0065/0066

ACCESSION NR: AP4039808

AUTHOR: Lobachev, K. V.

TITLE: An optical system for a spectrograph or a monochromator. Class 42,
No. 162684

SOURCE: Byul. izobr. i tovar. znakov, no. 10, 1964, 65-66

TOPIC TAGS: optics, optical system, spectrograph, spectrograph optical system,
monochromator, monochromator optical system, spectrography, collimator, collimation

ABSTRACT: This author's certificate introduces an optical system for a spectrograph or monochromator made on an autocollimating system with a spherical mirror as the objective. In order to obtain a plane field and to assure the possibility of operation in a wide range of wave lengths, the dispersing system is located 0.84533 of the focal length from the apex of the spherical mirror, this mirror being the objective for the collimator as well as for the spectrograph (monochromator).

ASSOCIATION: none

Card 1/3

ACCESSION NR: AP4039808

SUBMITTED: 06Sep50

SUB CODE: OP

DATE ACQ: 19Jun64

NO REF SOV: 000

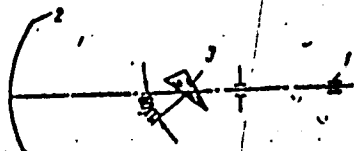
ENCL: 01

OTHER: 000

Card 2/3

ACCESSION NR: AP4039808

ENCLOSURE: 01



1 -- entrance slit; 2 -- spherical mirror; 3 -- dispersing system (prism)

Card 3/3

A CERTIFIED PRODUCT OF ADDRESSOGRAPH-MULTIGRAPH CORPORATION CLEVELAND 17, OHIO

L 46786-66 EWT(1) IJP(2)

ACC NR: AP6005356

SOURCE CODE: UR/0413/66/000/001/0097/0097

INVENTOR: Lobachev, M. V.

24/3

ORG: none

TITLE: Preliminary monochromator. Class 42, No. 177656 [announced by the Leningrad Association of Establishments in Optical Mechanics (Leningradskoye ob'yedineniye optiko-mekhanicheskikh predpriyatiy)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 97

TOPIC TAGS: monochromator, laboratory optic instrument

ABSTRACT: An Author Certificate has been issued for a preliminary monochromator with a mirror lens for use in optical equipment. To obtain a high quality image along the entire top of the slit, both mirrors have equal optical power ϕ and the air space between them d must satisfy the condition $d = \frac{1}{\phi}$ with the dispersion element positioned at

Card 1/2

UDC: 535.853.34

L 46786-66

ACC NR: AP6005356

distance $y - \frac{y+1}{\downarrow}$ from the convex mirror (see Fig. 1). Orig. art. has:
1 figure.

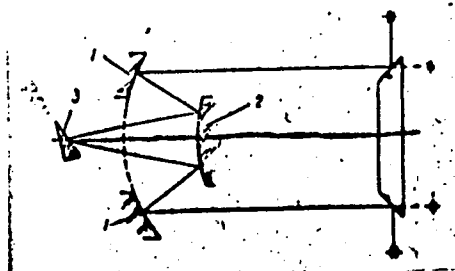


Fig. 1 Preliminary monochromator.
1 and 2— mirror lens;
1—concave mirror with aper-
ture in the center; 2—convex
mirror; 3—dispersion element.

[LD]

SUB CODE: 17/ SUBM DATE: 20Nov64

Card 2/2 hs

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930320002-2

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930320002-2"

LOBACHEV, N.A.

AUTHORS: Lobachev, N.A., and Pitayevskiy, P.I., Dotsents 3-58-5-11/35

TITLE: On Industrial Practice (O proizvodstvennoy praktike)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, Nr 5, page 42 (USSR)

ABSTRACT: The authors suggest that at the evening courses of industrial faculties, 2 practical training courses be introduced: one of 2 weeks to familiarize the students with economic planning at the workshops, and one of 1 month to show them the enterprise's planning organization. The curricula of the evening courses and faculties of tuition by correspondence do not provide for any practical training as it is expected that the students acquire sufficient practical knowledge during their work. This is not applicable to some vuzes though, in particular, the economic ones with a yearly increasing number of correspondence students. Of 75 enrolled in 1957 for the evening courses of the Economic Faculty of the Saratov Economic Institute, 46 were qualified workmen, 18 checkers, timekeepers, etc. without economic experience. There were only a few bookkeepers, economists and statisticians.

Card 1/2

On Industrial Practice

3-58-5-11/35

ASSOCIATION: Saratovskiy ekonomicheskii institut (Saratov Economic Institute)

AVAILABLE: Library of Congress

Card 2/2

LOBACHEV, N.V., kandidat tekhnicheskikh nauk.

Rapid method of determining the quality of gypsum binding materials.
Rats. i izobr.predl.v stroi. no.136:20-23 '56. (MIRA 9:9)
(Binding materials)

TORGONSKIY, Mikhail Nikolayevich, dots., kand. tekhn. nauk;
DOROVSKOY, Ivan Mikhaylovich, retsenzent; FEDORENKO, Mikhail
Fedorovich, retsenzent; LOBACHEV, N.V., red.; PITERMAN, Ye.L.,
red. izd-va; PARAKHINA, N.L., tekhn. red.

[Principles of construction work] Osnovy stroitel'nogo dela.
Moskva, Goslesbumizdat, 1961. 221 p. (MIRA 15:3)
(Construction industry)

YEVDOKIMOV, Nikolay Nikolayevich[deceased]; YEL'KOV, L.V., starshiy
prepodavatel', retsenzent; BALANDIN, V.V., prepodavatel',
retsenzent; LOBACHEV, N.V., dots., kand.tekhn.nauk, red.;
LABAZINA, S.N., red. izd-va; GRECHISHCHEVA, V.I., tekhn. red.

[Principles of construction]Osnovy stroitel'nogo dela. Pod
red. N.V.Lonacheva. Moskva, Goslesbumizdat, 1962. 249 p.
(MIRA 15:8)

1. Voronezhskiy lesokhozyaystvennyy institut (for Yel'kov).
2. Lisinskiy lesnoy tekhnikum (Balandin).
(Construction industry)

LIVCHAK, I.F. Prinimali uchastiye: LOBACHEV, P.F.; SLADKOV, S.P.;
GRUDZINSKIY, M.M.; POLIKARPOV, V.P.; IZYANSKIY, A.Z.;
KONSTANTINOVA, V.G.; MATVEYEVA, N.A.; STRASHNYKH, V.P.,
red.izd-va; MOCHALINA, Z.S., tekhn. red.

[Instructions for using improved sanitary equipment in large-panel buildings] Ukazaniia po primeneniiu usovershenstvovannykh sanitarno-tekhnicheskikh ustroistv v krupnye elementnykh domakh. Moskva, Gosstroizdat, 1963. 85 p. (MIRA 16:8)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut sanitarnoy tekhniki.

(Sanitary engineering—Equipment and supplies)

LOBACHEV, P.S., inzh.

D
Damming the channel of the Terek River by directed
blasting. Gidr. stroi. 30 no.6:17-19 Je '60. (MIRA 13:7)
(Terek River--Barrages)

SOFINSKIY, I.D.; BLOKHIN, P.N.; GEL'BERG, L.A.; ZHDANOV, P.M.; IVASHCHENKO, I.P.; LEVINA, G.P.; NAUMOVA, N.A.; SMIRNOV, N.S.; ARONOVA, R.I.; NIKOLAYEV, N.A.; SHERENTSI, A.A.; KOVALEVSKIY, I.I.; LOBACHEV, P.V.; SLADKOV, S.P.; DZIGAN, A.V.; FORAFONOV, N.K. Primali uchastiye: ARGANSKIY, A.S.; ASMUS, Ye.N.; BIZHALOVA, Ye.M.; BOGATYKH, Ya.D.; BURENIN, V.A.; GOL'DING, N.P.; DOMSHLAK, I.P.; MOSKALEV, S.A.; RABINOVICH, S.G.; ROGOVSKIY, L.V.; KHOKHLOVA, L.P.; SHESTOPAL, N.M.. RUBANENKO, B.R., glavnyy red.; GALKIN, Ya.G., zamest.glavnogo red.; SAPRYKIN, V.A., red.; SHCHEPETOV, V.M., red.; NOVITCHENKO, K.M., nauchnyy red.; VILKOV, G.N., inzh., red.izd-va; TYAPKIN, B.G., red. izd-va; EL'KINA, E.M., tekhn.red.

[Building your own home] Spravochnik individual'nogo zastroishchika. Moskva, Gos.izd-vo lit-ry po stroit.materialam, 1958. 442 p.
(MIRA 12:2)

1. Akademiya stroitel'stva i arkhitektury SSSR.
(Building)

RODOV, Grigoriy Matveyevich; PODRABINNIK, Izrail' Moiseyevich; LOBACHOV,
P.V., inzh., retsenzent; VOSKRESENSKIY, N.N., inzh., red.; UVARC-
VA, A.F., tekhn. red.; GORDIYEVA, L.P., tekhn. red.

[Automation of stamping equipment] Avtomatizatsiya shtampovoch-
nogo oborudovaniya. Moskva, Gos. nauchno-tekhn. izd-vo mashino-
stroit. lit-ry, 1961. 133 p. (MIRA 14:5)

(Automation) (Sheet-metal work) (Forging machinery)

ALTYKIS, A.V.; BEREZHKOVSIIY, D.I.; VOLKOVITSIIY, V.F.; GIRSH, I.I. [deceased];
GOL'MAN, L.D.; GRANOVSKIY, S.P.; DOBRINSKIY, N.S.; ZMIN, A.I.; ZLOT-
NIKOV, S.L.; KAGALOVSKIY, A.I.; LOBACHEV, P.V.; MARTYNOV, V.N.; MOSE-
NIN, Ye.N.; NAVROTSKIY, G.A.; OKHRIMENKO, Ya.M.; ROVINSKIY, G.N.;
STOSHA, Ye.A.; ROZHDESTVENSKIY, Yu.L.; TIKHOMIROV, N.V.; UNKSOV, Ye.P.,
doktor tekhn. nauk, prof.; SHCHEGLOV, V.F.; SHOFMAN, L.A.; SIROTIN, A.I.,
red. izd-va; MODEL', B.I., tekhn. red.

[Present state of the forging industry] Sovremennoe sostoianie kuznechno-
shtampovochnogo proizvodstva. By Kollektiv sovetskikh i chekhoslovat-
skikh avtorov. Moskva, Mashgiz; Prague, SNTL, 1961. 434 p.
(MIRA 14:8)

(Forging)

Lobachev, P. V.

Instructions for the utilization of modern watermeters at water supply
stations Moskva, 1950. 41 p. (50-38816)

TJ935.M6

LOBACHEV, P. V., Engineer

"Water-Metering Devices for the Constant Registration of Water Consumption in Pipelines." Sub 1 Dec 51, All-Union Sci Res Inst of Water Supply, Sewerage, Hydraulic Structures and Engineering Hydrogeology (VODGEO)

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

LOBACHEV, P.V.

N/5
663.6
.17

LOBACHEV, P V

Sovremennyye Vodometry Dlya Vodoprovodov (Present-Day Water Meters and Pipes) Proyektirovaniye, Ustanovka i eksplotatsiya (by), P. V. Lobachev i F. A. Shevelev. Moskva, Gosstroyizdat, 1952 231, 1, P. Illus., Diagr., Tables. "Literatura": p.232.

LOBACHEV, P.V.

SHAL'NEV, V.G.; BIBIKOV, A.V., inzhener, retsenzent; LOBACHEV, P.V.,
inzhener; POLUEKTOV, Ye.V., inzhener, redaktor; SAKSAGANSKIY, T.D.
redaktor; POPOV, Ya.N., redaktor; POPOVA, S.M., tekhnicheskiy
redaktor.

[Safety measures and improvement of working conditions for hot
press working of metals in forging and pressing shops] Tekh-
nika bezopasnosti i ozdorovlenie uslovii truda pri goriachei
obrabotke metallov davleniem v kuznechno-pessovykh tsekhakh.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1955.
214 p. (MLRA 8:11)

(Forging--Safety measures)

GRIGOR'YEV, V.M., kandidat tekhnicheskikh nauk; LOBACHEV, P.V., kandidat tekhnicheskikh nauk, redaktor; SAFONOV, P.V., redaktor; TOKER, A.M., tekhnicheskiiy redaktor.

[Lowering ground water level by borehole filter pumps] Ponizhenie urovnia gruntovykh vod iglofil'trovymi ustanovkami. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955. 231 p.
(Water, Underground) (MLRA 9:1)
(Pumping machinery)

SMIRNOV, D.N.; LOBACHEV, P.V.

Modern methods of automatization and control in water supply systems.
Vod. i san. tekhn. no.3:16-19 Je '55. (MIRA 8:12)

(Water supply engineering) (Automatic control)

LOBACHEV, P.V.

Standardizing Venturi nozzle flow meters. Vod. 1 san.tekh.no.12:4-
8 D '56. (MIRA 10:3)
(Flowmeters)

LOBACHEV, Petr Vladimirovich; SHEVELEV, Firs Aleksandrovich; MOSHNIIN, L.F.,
doktor tekhnicheskikh nauk, professor, retsentsent; SMIRNOVA, A.P.,
redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskij redaktor

[Water meters for water supply and sewer systems] Vodomery dlia
vodoprovodov i kanalizatsii. Moskva, Gos.izd-vo lit-ry po stroit.
i arkhitekt., 1957. 290 p. (MIRA 10:8)
(Water meters)

LOBACHEV, P.V.

Regulating the speed of filtration. Vod. i san. tekhn. no. 7:11-
14 J1 '58. (MIRA 11:7)

(Filters and filtration)

LOBACHEV, P.V.

Hydraulic ring seal. Vod. i san.tekh. no.11:40 H '58. (MIRA 11:12)
(Gates, Hydraulic)

SHEVELEV, F.A.; KAGAN, D.G.; LOBACHEV, P.V.

Use of vinyl plastic rising pipes in water-supply systems. Vod.
i san.tekh. no.1:11-16 Ja '59. (MIRA 12:1)
(Water pipes) (Vinyl polymers)

LOBACHEV, P. V.

PHASE I BOOK EXPLOITATION

SOV/4912

Vorobkov, Lev Nikolayevich, Vladimir Matveyevich Gavrilko, Petr Vladimirovich Lobachev, and Vsevolod Mikaylovich Shestakov

Can. Technical Sci.
Vodoponizheniye v gidrotekhnicheskoy stroitel'stve (Lowering the Water Table in Hydrotechnical Construction) Moscow, Gosstroyizdat, 1960. 243 p. Errata slip inserted. 4,000 copies printed.

Scientific Ed.: Yu. G. Trofimenkov, Candidate of Technical Sciences; Ed. of Publishing House: P. V. Safonov; Tech. Ed.: Ye. L. Temkina.

PURPOSE: This book is intended for engineering and technical personnel in hydrotechnical construction who are occupied with problems of lowering water tables. The book may also be of interest to mining personnel.

COVERAGE: The authors discuss the designing and calculation of systems for lowering water tables. They deal chiefly with

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Lowering the Water Table (Cont.)

SOV/4912

large systems used in excavations for water works. Problems in installing the lowering apparatus are discussed. Special attention is given to the method using deep wells. Considerable space is given to the question of designing drainage systems for open-cut mine workings. L. N. Vorobkov wrote Sec. 1 of Ch. I, Sec. 1 of Ch. II, Sec. 1 of Ch. IV, and Secs. 1 and 2 of Ch. VII. V. M. Gavrilko wrote Ch. V and Secs. 1, 2, 3, 5, and 6 of Ch. VI. P. V. Lobachev wrote Secs. 3 and 4 of Ch. II; Secs. 2 and 3 of Ch. IV, and Sec. 4 of Ch. VII. Secs. 2 and 3 of Ch. I, Ch. III, and Sec. 4 of Ch. VI were written by V. M. Shestakov. Sec. 3 of Ch. VII was based on materials supplied by Engineer A. O. Shestopal. The authors thank Candidates of Technical Sciences V. M. Grigor'yev and Yu. G. Trofimenkov for their assistance. There are 100 references: 87 Soviet, 5 German, 6 English, and 2 French.

TABLE OF CONTENTS:

Introduction

3

~~Card 2/7~~

LOBACHEV, P.V.; MIKHEYEV, O.P.

Expanding the field of use for the VE-2,5m automatic towerless
water-supply stations. Vod.i san.tekh. no.3:8-10 Mr '60.
(MIRA 13:6)

(Water--Distribution)

LOBACHEV, P., inzh.

One more structure of the seven-year plan goes into operation.
Sel'. stroi. 15 no.4:10-11 Ap '61. (MIRA 14:6)
(Terek-Kuma Canal)

LOBACHEV, P.V.

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PHASE I BOOK EXPLOITATION

SOV/5199

Unksov, Ye.P., Doctor of Technical Sciences, Professor, Ed.

Sovremennoye sostoyaniye kuznechno-shtampovogochnogo proizvodstva (Present State of the Pressworking of Metals) [Moscow] Mashgiz, 1961. 434 p. 5000 copies printed.

Ed. of Publishing House: A.I. Sirotin; Tech. Ed.: B.I. Model'; Managing Ed. for Literature on the Hot Working of Metals: S.Ya. Golovin, Engineer.

Title: Kuznechno-shtampovogochnoye proizvodstvo v SSSR (The Pressworking of Metals in the USSR) by: A.V. Altykis, D.I. Berezhkovskiy, V.P. Volkovitskiy, I.I. Girsh (deceased), L.D. Gol'man, S.P. Granovskiy, N.S. Dobrinskiy, A.I. Zimin, S. L. Zlotnikov, A.I. Kagalovskiy, P.V. Lobachev, V.N. Martynov, Ye.N. Moshnin, G.A. Navrotsky, Ya.M. Okhrimenko, G.N. Rovinskiy, Ye.A. Stosha, Yu.L. Rozhdestvenskiy, N.V. Tikhomirov, Ye.P. Unksov, V.P. Shcheglov, and L.A. Shofman; Eds: Ye.P. Unksov, Doctor of Technical Sciences, Professor, and B.V. Roznov.

Title: Kuznechno-shtampovogochnoye proizvodstvo v ChSSR (The Pressworking of Metals in the Czechoslovak SR) by: S. Burda, F. Hrazdil, F. Drastik, F. Zlatohlavek

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Present State of the (Cont.)

SGI/5799

Z. Kejval, V. Krauz, F. Kupka, F. Majer, K. Marvan, J. Novák, J. Odchnal,
K. Paul, B. Semmer, M. Honz, J. Částka, V. Šindelář, and J. Šolc; Eds.:
A. Nejepa and M. Vlk.

PURPOSE: This book is intended for engineers and scientific personnel concerned with the pressworking of metals.

COVERAGE: Published jointly by Mashgiz and SNTL, the book discusses the present state of the pressworking of metals in the USSR and the Czechoslovak Socialist Republic. Chapters were written by both Soviet and Czechoslovak writers. No personalities are mentioned. There are 129 references: 98 Soviet, 16 English, 8 German, 5 Czech, and 2 French.

TABLE OF CONTENTS:

PRESSWORKING IN THE USSR

Ch. I. The Characteristics of Forging Shops in USSR Plants [A.I. Zimin and
Ye.P. Unksov] 5

Ch. II. Methods of Calculating the Pressure for Forging in the Pressworking

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